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12/06/2004

FACSIMILE TRANSMISSION SHEET

TO:

USPTO

703 872 9306

FROM: Paul C. Craane

RE: 30811/40225

PAGES (INCLUDING THIS PAGE): 23

\*\*\*\*\*

Please see attached.

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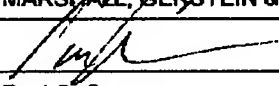
PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0661-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/795,944-Conf. #1414
		Filing Date	March 8, 2004
		First Named Inventor	Jeffrey Held
		Art Unit	1724
		Examiner Name	P. A. Hruskoci
Total Number of Pages in This Submission	22	Attorney Docket Number	30811/40225

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Form PTO-1449 (modified) plus two other documents
Remarks		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	MARSHALL, GERSTEIN & BORUN LLP	
Signature		
Printed name	Paul C. Craane	
Date	December 6, 2004	Reg. No. 38,851

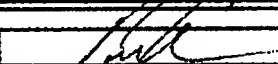
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 872-9306, on the date shown below.

Dated: December 6, 2004

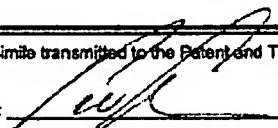
Signature:  (Paul C. Craane)

PTO/SB/17 (11-04)  
Approved for use through 7/31/2006. OMB 0851-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>FEE TRANSMITTAL for FY 2005</b>		<b>Complete if Known</b>																																																																																					
<i>Effective 10/01/2004. Patent fees are subject to annual revision.</i>		Application Number	10/795,944-Conf. #1414																																																																																				
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<b>METHOD OF PAYMENT (check all that apply)</b>		<b>FEE CALCULATION (continued)</b>																																																																																					
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> Deposit Account <input type="checkbox"/> None Deposit Account Number: 13-2855 Deposit Account Name: MARSHALL, GERSTEIN & BORUN LLP The Director is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee <input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments To the above-identified deposit account. <input type="checkbox"/> Other (please identify):		<b>2. EXTRA CLAIM FEES</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee (\$)</th> <th style="text-align: right;">Small Entity Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>Each claim over 20</td> <td style="text-align: right;">18</td> <td style="text-align: right;">9</td> </tr> <tr> <td>Each independent claim over 3</td> <td style="text-align: right;">88</td> <td style="text-align: right;">44</td> </tr> <tr> <td>Multiple dependent claims</td> <td style="text-align: right;">300</td> <td style="text-align: right;">150</td> </tr> <tr> <td>For Reissues, each claim over 20 and more than in the original patent</td> <td style="text-align: right;">18</td> <td style="text-align: right;">9</td> </tr> <tr> <td>For Reissues, each independent claim more than in the original patent</td> <td style="text-align: right;">88</td> <td style="text-align: right;">44</td> </tr> <tr> <td><b>Total Claims</b></td> <td></td> <td></td> </tr> <tr> <td colspan="3">- 20 or HP = _____ x _____ = _____</td> </tr> <tr> <td colspan="3">HP= highest number of total claims paid for, if greater than 20</td> </tr> <tr> <td><b>Indep. Claims</b></td> <td></td> <td></td> </tr> <tr> <td colspan="3">- 3 or HP = _____ x _____ = _____</td> </tr> <tr> <td colspan="3">HP= highest number of independent claims paid for, if greater than 3</td> </tr> <tr> <td><b>Multiple Dependent Claims</b></td> <td style="text-align: right;">Fee (\$)</td> <td style="text-align: right;">Fee Paid (\$)</td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>Subtotal (2) \$</b> 0.00</td> </tr> </tbody> </table>		Fee Description	Fee (\$)	Small Entity Fee (\$)	Each claim over 20	18	9	Each independent claim over 3	88	44	Multiple dependent claims	300	150	For Reissues, each claim over 20 and more than in the original patent	18	9	For Reissues, each independent claim more than in the original patent	88	44	<b>Total Claims</b>			- 20 or HP = _____ x _____ = _____			HP= highest number of total claims paid for, if greater than 20			<b>Indep. Claims</b>			- 3 or HP = _____ x _____ = _____			HP= highest number of independent claims paid for, if greater than 3			<b>Multiple Dependent Claims</b>	Fee (\$)	Fee Paid (\$)	<b>Subtotal (2) \$</b> 0.00																																												
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Name (Print/Type)	Paul C. Craane	Telephone	(312) 474-8300																																																																																				
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Dated: December 6, 2004

Signature: 

(Paul C. Craane)

Docket No.: 30811/40225  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Jeffrey Held et al.

Application No.: 10/795,944

Confirmation No.: 1414

Filed: March 8, 2004

Art Unit: 1724

For: METHOD FOR TREATING WASTE-  
ACTIVATED SLUDGE USING  
ELECTROPORATION

Examiner: P. A. Hruskoci

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449 (modified). It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Office Action or Notice of Allowance (37 C.F.R. 1.97(c)). Consequently, it is requested that the fee of \$180.00 under 37 C.F.R. 1.17(p) be charged to our Deposit Account No. 13-2855, under Order No. 30811/40225.

Applicants submit herewith page C8 of the El-Shazly article. Pages C1-C7 and C9-C11 of the El-Shazly article were submitted with the Information Disclosure Statement of November 3, 2004. Applicants also submit herewith one U.S. Patent and one non-patent literature document in furtherance of their obligations under 37 C.F.R. 1.56.

Application No.: 10/795,944

Docket No.: 30811/40225

In accordance with 37 C.F.R. 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. 1.56(a) exists. In accordance with 37 C.F.R. 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 C.F.R. 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 13-2855, under Order No. 30811/40225. A duplicate copy of this paper is enclosed.

Dated: December 6, 2004

Respectfully submitted,

By   
Paul C. Craane

Registration No.: 38,851  
MARSHALL, GERSTEIN & BORUN LLP  
233 S. Wacker Drive, Suite 6300  
Sears Tower  
Chicago, Illinois 60606-6357  
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Attorney for Applicant

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MARSHALL, GERSTEIN & BORUN LLP

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Sears Tower

Chicago, Illinois 60606-6357

(312) 474-6300

Attorney for Applicant

SHEET 1 of 1

Form PTO-1449 (Modified)	Atty. Docket No. 30811/40225	Serial No. 10/795,944
<b>INFORMATION DISCLOSURE STATEMENT</b>	Applicant(s) Held et al.	
	Filing Date March 8, 2004	Art Unit 1724

U.S. PATENT DOCUMENTS						
Examiner Initials	Document Number	Issue or Publication Date	Name	Class	Subclass	Filing Date (If Appropriate)
	5,690,978	11/25/1997	Yin et al.			9/30/1996

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Document Number	Publication Date	Country	Translation	
				Yes	No

OTHER DOCUMENTS	
	El-Shazly et al., <i>High-Speed Metal Deposition Using Interrupted Current Techniques</i> in AESF (American Electroplaters and Surface Finishers Society) Third International Pulse Plating Symposium C8 (1986) (USA).
	Dentel et al., <i>Overview of Electrical Arc Conditioning of Biosolids</i> in Water Environment Research Foundation: Workshop #116 Recent Advances in Biosolids Research: Conditioning, Dewatering, and Beneficial Use 86-98 (1999) (USA)

EXAMINER:	DATE CONSIDERED:
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